



MIS

TE Internal #: 177537-3

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 2.5 mm [.098 in] Centerline, Partially Shrouded, Tin (Sn), Through Hole - Solder, Signal, MIS

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Connector System: **Wire-to-Board**

Number of Positions: **3**

Number of Rows: **1**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| PCB Connector Type                | PCB Mount Header      |
| Connector System                  | Wire-to-Board         |
| Header Type                       | Partially Shrouded    |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type            | Connector Assembly    |

Configuration Features

|                       |          |
|-----------------------|----------|
| PCB Mount Orientation | Vertical |
| Number of Positions   | 3        |
| Number of Rows        | 1        |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|



Contact Features

|                                               |                 |
|-----------------------------------------------|-----------------|
| Mating Pin Diameter                           | .6 mm[.024 in]  |
| Contact Shape & Form                          | Rounded         |
| Contact Mating Area Length                    | 3.4 mm[.134 in] |
| Contact Base Material                         | Brass           |
| PCB Contact Termination Area Plating Material | Pre-Tin         |
| Contact Mating Area Plating Material          | Tin (Sn)        |
| Contact Type                                  | Pin             |
| Contact Current Rating (Max)                  | 4 A             |

Termination Features

|                                  |                       |
|----------------------------------|-----------------------|
| Termination Post & Tail Diameter | .6 mm[.024 in]        |
| Termination Post & Tail Length   | 3.17 mm[.125 in]      |
| Termination Method to PCB        | Through Hole - Solder |

Mechanical Attachment

|                          |                |
|--------------------------|----------------|
| Panel Mount Feature      | Without        |
| Mating Retention Type    | Polarized Lock |
| Mating Retention         | With           |
| PCB Mount Retention Type | Boardlock      |
| Mating Alignment Type    | Polarization   |
| PCB Mount Retention      | With           |
| PCB Mount Alignment      | Without        |
| Connector Mounting Type  | Board Mount    |
| Mating Alignment         | With           |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | 66 Nylon        |
| Centerline (Pitch) | 2.5 mm[.098 in] |

Dimensions

|                             |                            |
|-----------------------------|----------------------------|
| PCB Thickness (Recommended) | 1 – 1.6 mm[.039 – .063 in] |
| Connector Height            | 6.48 mm[.255 in]           |
| Connector Length            | 10 mm[.394 in]             |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -25 – 105 °C[-13 – 221 °F] |
|-----------------------------|----------------------------|



Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1000        |
| Packaging Method   | Loose Piece |

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                     |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                           |
| Solder Process Capability                     | Wave solder capable to 265°C                                                                                                  |

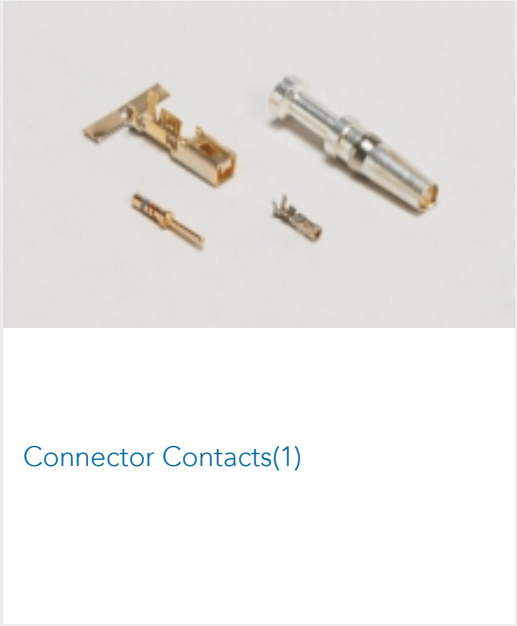
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



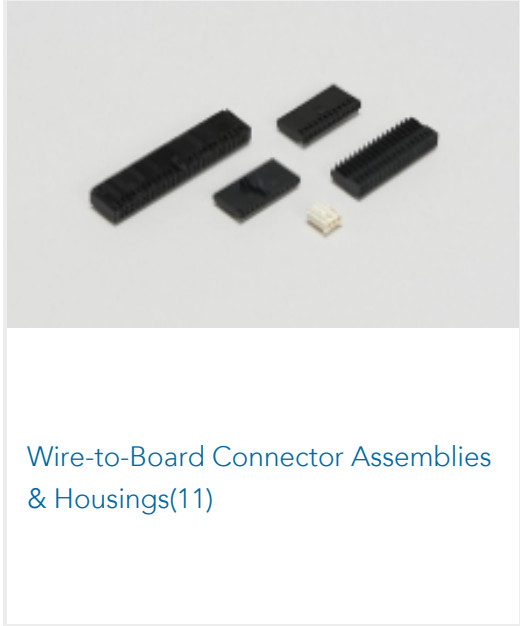
Also in the Series | MIS



Connector Contacts(1)



PCB Headers & Receptacles(23)



Wire-to-Board Connector Assemblies & Housings(11)

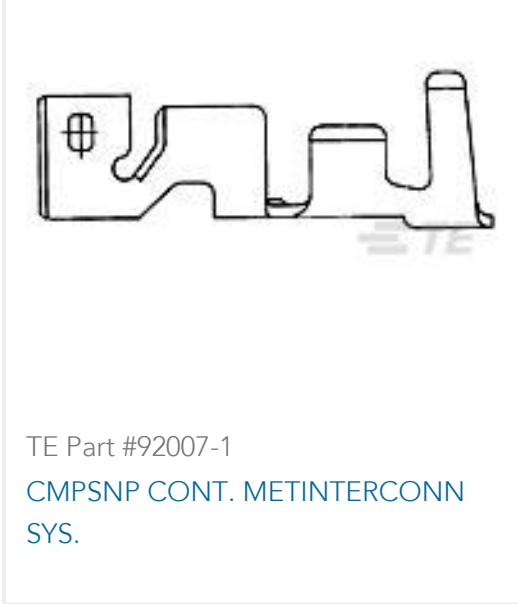


Wire-to-Board Headers & Receptacles (23)

Customers Also Bought



TE Part #640387-2  
02P MTA156 HDR ASSY SQ R/A



TE Part #92007-1  
CMPSNP CONT. METINTERCONN SYS.



TE Part #1-1625867-1  
RP 1J 0.166W 22K1 0.1% 25PPM 1K RL



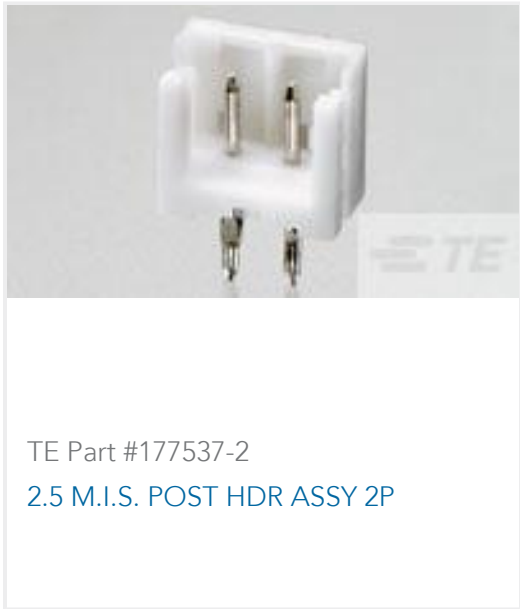
TE Part #1623730-5  
BCHE 4 W 1K0 5%



TE Part #1-1625892-4  
3W SM M/OX 5% 150K



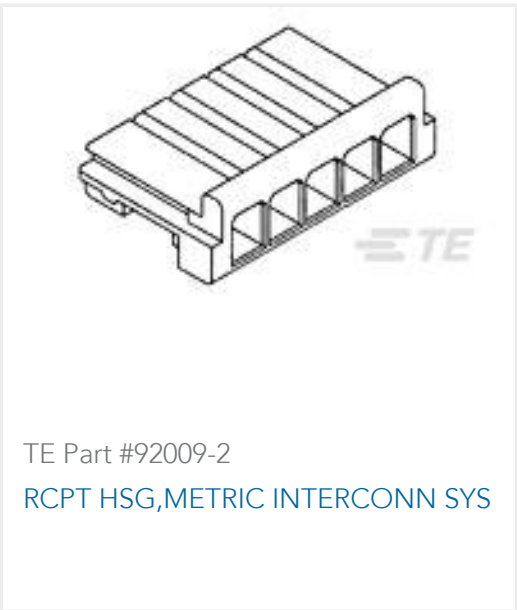
TE Part #1-1623819-4  
SBL4 R051 5%



TE Part #177537-2  
2.5 M.I.S. POST HDR ASSY 2P



TE Part #3-1415001-2  
V23134J0052X511-EV-CBOX



TE Part #92009-2  
RCPT HSG,METRIC INTERCONN SYS



TE Part #640445-8  
08P MTA156 HDR ASSY FL/STR SN



Documents

Product Drawings

2.5 M.I.S POST HDR ASSY 3P

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_177537-3\_G.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_177537-3\_G.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_177537-3\_G.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Agency Approvals

CSA Certificate

English